

operation of processing test facilities as activities which have some potential for significant environmental impacts during exploration. However, the research has revealed that only the following limited effects are expected to have potential for significant adverse environmental impact.

(2) The programmatic EIS's documents three at-sea effects of deep seabed mining which cumulatively during commercial recovery have the potential for significant effect. These three effects also occur during mining system tests that may be conducted under a license, but are expected to be insignificant. These include the following:

(i) *Destruction of benthos in and near the collector track.* Present information reflects that the impact from this effect during mining tests under exploration licenses will be extremely small.

(ii) *Blanketing of benthic fauna and dilution of food supply away from mine site subareas.* The settling of fine sediments disturbed by tests under a license of scale-model mining systems which simulate commercial recovery could adversely affect benthic fauna by blanketing, dilution of their food supply, or both. Because of the anticipated slow settling rate of the sediments, the affected area could be quite large. However, research results are insufficient to conclude that this will indeed be a problem.

(iii) *Surface plume effect on fish larvae.* The impact of demonstration-scale mining tests during exploration is expected to be insignificant.

(3) If processing facilities in the United States are planned to be used for testing during exploration, NOAA also will assess their impacts in the site-specific EIS developed for each license.

(c) *NOAA approach.* In making determinations on significant adverse environmental effects, the Administrator will draw on the above conclusions and other findings in NOAA's programmatic environmental statement and site-specific statements issued in accordance with the Act. He will issue licenses with terms, conditions and restrictions containing, as appropriate, environmental protection or mitigation requirements (pursuant to § 970.518) and monitoring requirements

(pursuant to § 970.522). The focus of NOAA's environmental efforts will be on environmental research and on monitoring during mining tests to acquire more information on the environmental effects of deep seabed mining. If these efforts reveal that modification is required to protect the quality of the environment, NOAA then may modify terms, conditions and restrictions pursuant to § 970.512.

§ 970.702 Monitoring and mitigation of environmental effects.

(a) *Monitoring.* If an application is determined to be otherwise acceptable, the Administrator will specify an environmental monitoring plan as part of the terms, conditions and restrictions developed for each license. The plan will be based on the monitoring plan proposed by the applicant and reviewed by NOAA for completeness, accuracy and statistical reliability. This monitoring strategy will be devised to insure that the exploration activities do not deviate significantly from the approved exploration plan and to determine if the assessment of the plan's acceptability was sound. The monitoring plan, among other things, will include monitoring environmental parameters relating to verification of NOAA's findings concerning potential impacts, but relating mainly to the three unresolved concerns with the potential for significant environmental effect, as identified in § 970.701(b)(2). NOAA has developed a technical guidance document, which includes parameters pertaining to the upper and lower water column and operational aspects, which document will provide assistance in developing monitoring plans in consultation with applicants.

(b) *Mitigation.* Monitoring and continued research may develop information on future needs for mitigating environmental effects. If such needs are identified, terms, conditions and restrictions can be modified appropriately.

Subpart H—Safety of Life and Property at Sea

§ 970.800 General.

The Act contains requirements, in the context of several decisions, that relate to assuring the safety of life and